

Build a Hexagon

Materials: game board for each player, dice, pattern blocks (hexagon, triangles, trapezoids, blue rhombi)

1. Work with a partner. Take turns to roll two dice. The largest number you roll is the denominator and the smaller number is the numerator.
2. Build the fractional amount you rolled on the game board using pattern blocks. You may use equivalent fractions.
3. If you roll a denominator that you can't build you lose a turn.
4. Keep going until one player has covered all the hexagons on his/her game board.

Creating Equivalent Fractions

Materials: set of fraction squares (or fraction circles)

1. Find all the different ways to make one half using pieces in your fraction kit of the same size.
2. Record and order your information.
3. Repeat for the following fractions: $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$.
4. Write about any patterns that you notice in your data.

Pizza for Dinner

Leo and Tom were talking about what they had for dinner the previous evening. Leo said, "My family bought a large pizza and I ate $\frac{2}{4}$ of it." Tom replied, "I ate more than you. My family bought a large pizza and I ate $\frac{4}{8}$ of it." Sarah said, "Tom you didn't eat more pizza than Tom. You ate the same amount."

Who is correct?

Explain your thinking. Justify your conclusions using a visual fraction model.